## UNITED STATES PATENT AND TRADEMARK OFFICE **CERTIFICATE OF CORRECTION**

Page 1 of 1 PATENT NO. : 6,978,280 B1

APPLICATION NO.: 09/687130

: December 20, 2005 DATED INVENTOR(S) : Robert Alan Cochran et al.

> It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 3, line 59, delete "  ${}^{*}S_{2_1}$ " and insert -- " $S_{2_1}$ " --, therefor.

In column 3, line 64, delete "  ${}^{\circ}O_{3}$ ," and insert -- " $O_{3}$ ," --, therefor.

In column 4, line 5, delete "  ${}^{\mathbf{P}_{3_7}}$ " and insert — "  ${}^{\mathbf{O}_{3_1}}$  ." —, therefor.

In column 20, line 54, in Claim 6, delete "in" and insert -- is --, therefor.

In column 20, line 66, in Claim 7, delete "1/O" and insert -- I/O --, therefor.

In column 21, line 6, in Claim 7, delete "Ia/O" and insert -- I/O --, therefor.

In column 21, line 47, in Claim 12, delete "in" and insert -- is --, therefor.

In column 21, line 50, in Claim 13, delete "unit s" and insert -- units --, therefor.

In column 21, line 54, in Claim 13, delete "by" and insert -- by: --, therefor.

In column 21, line 63, in Claim 13, delete "1/O" and insert -- I/O --, therefor.

In column 22, line 46, in Claim 18, delete "in" and insert -- is --, therefor.

In column 22, line 50, in Claim 19, delete "unit s" and insert -- units --, therefor.

In column 24, line 22, in Claim 24, delete "in" and insert -- is --, therefor.

Signed and Sealed this

Twenty-eighth Day of July, 2009

John Poll

JOHN DOLL

Acting Director of the United States Patent and Trademark Office